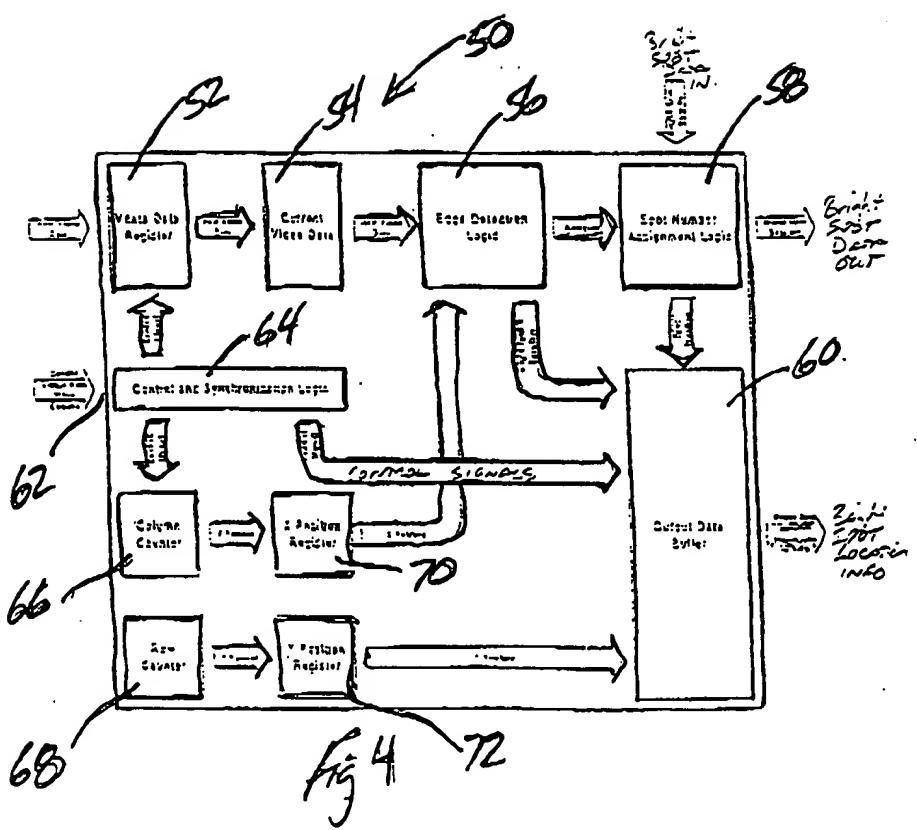


Fig 3



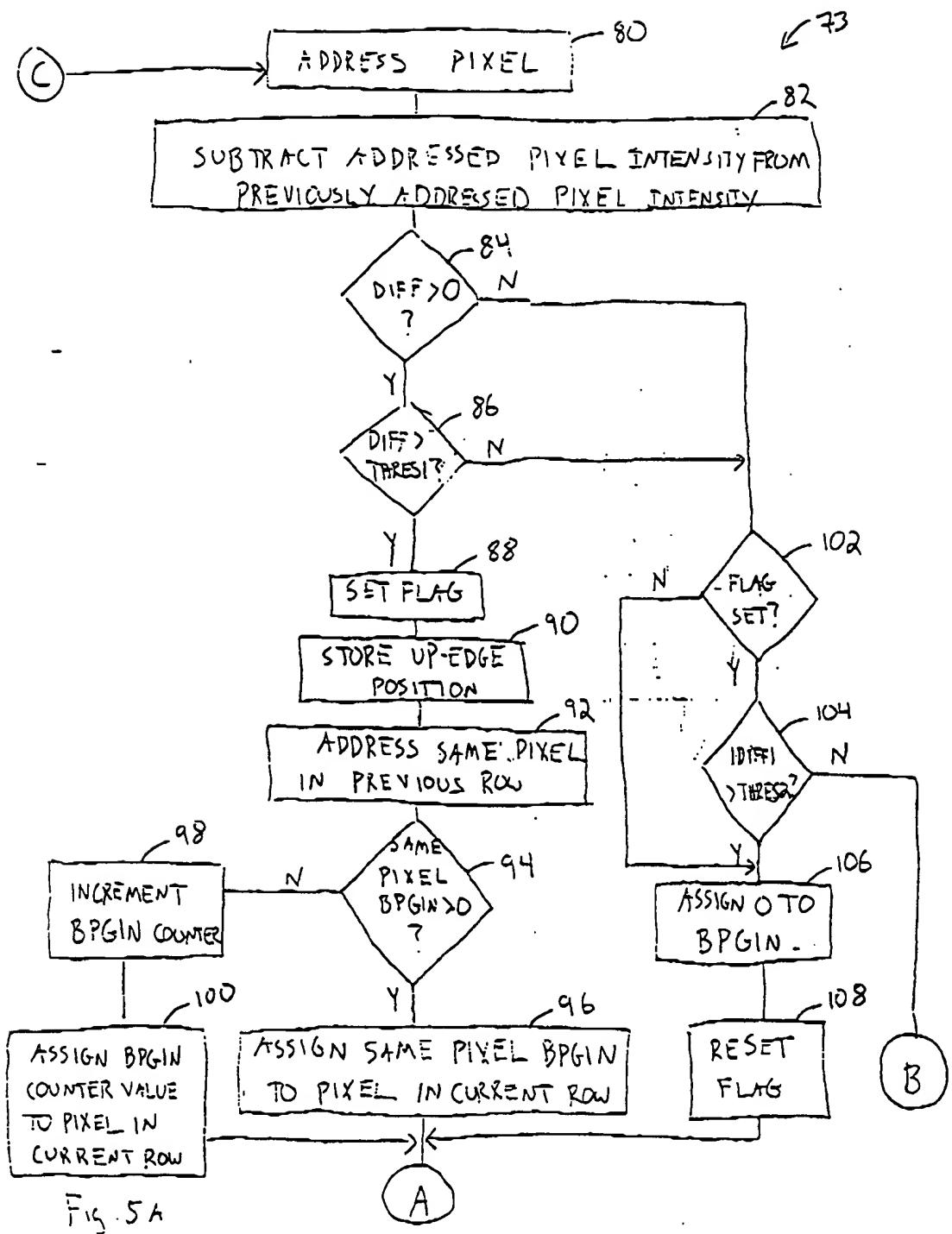


Fig. 5A

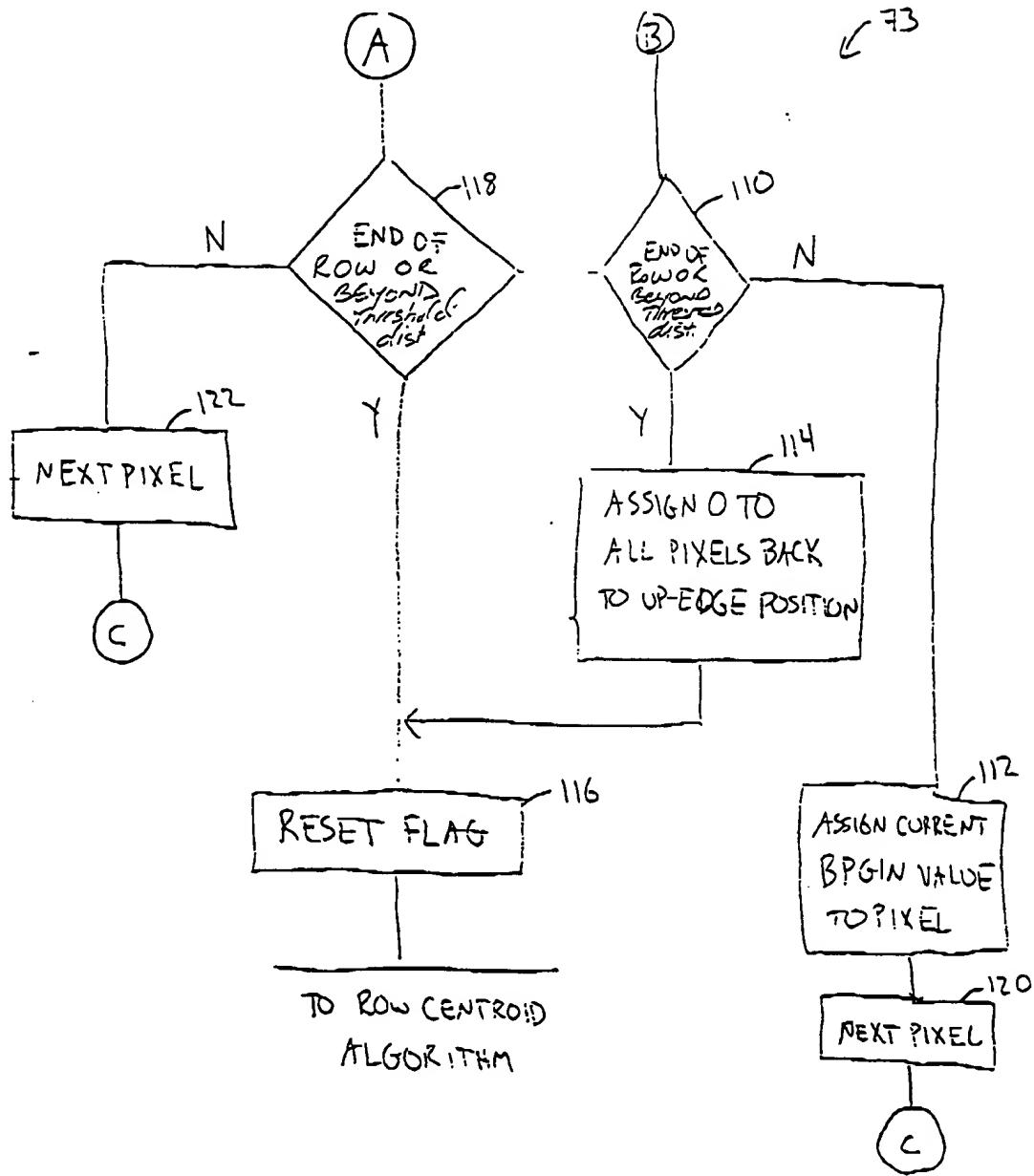


Fig 5B

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The figure consists of two sets of data points plotted on a grid of horizontal and vertical lines. The top set of points, connected by a solid line, shows a decreasing trend from left to right. The bottom set of points, also connected by a solid line, shows an increasing trend. Arrows point from the labels "130" and "131" to the respective curves.

Point	Top Set (Decreasing)	Bottom Set (Increasing)
1	5	1
2	6	2
3	7	3
4	8	4
5	9	5
6	10	6
7	11	7
8	12	8
9	13	9
10	14	10
11	15	11
12	16	12
13	17	13
14	18	14
15	19	15
16	20	16
17	21	17
18	22	18
19	23	19
20	24	20
21	25	21
22	26	22
23	27	23
24	28	24
25	29	25
26	30	26
27	31	27

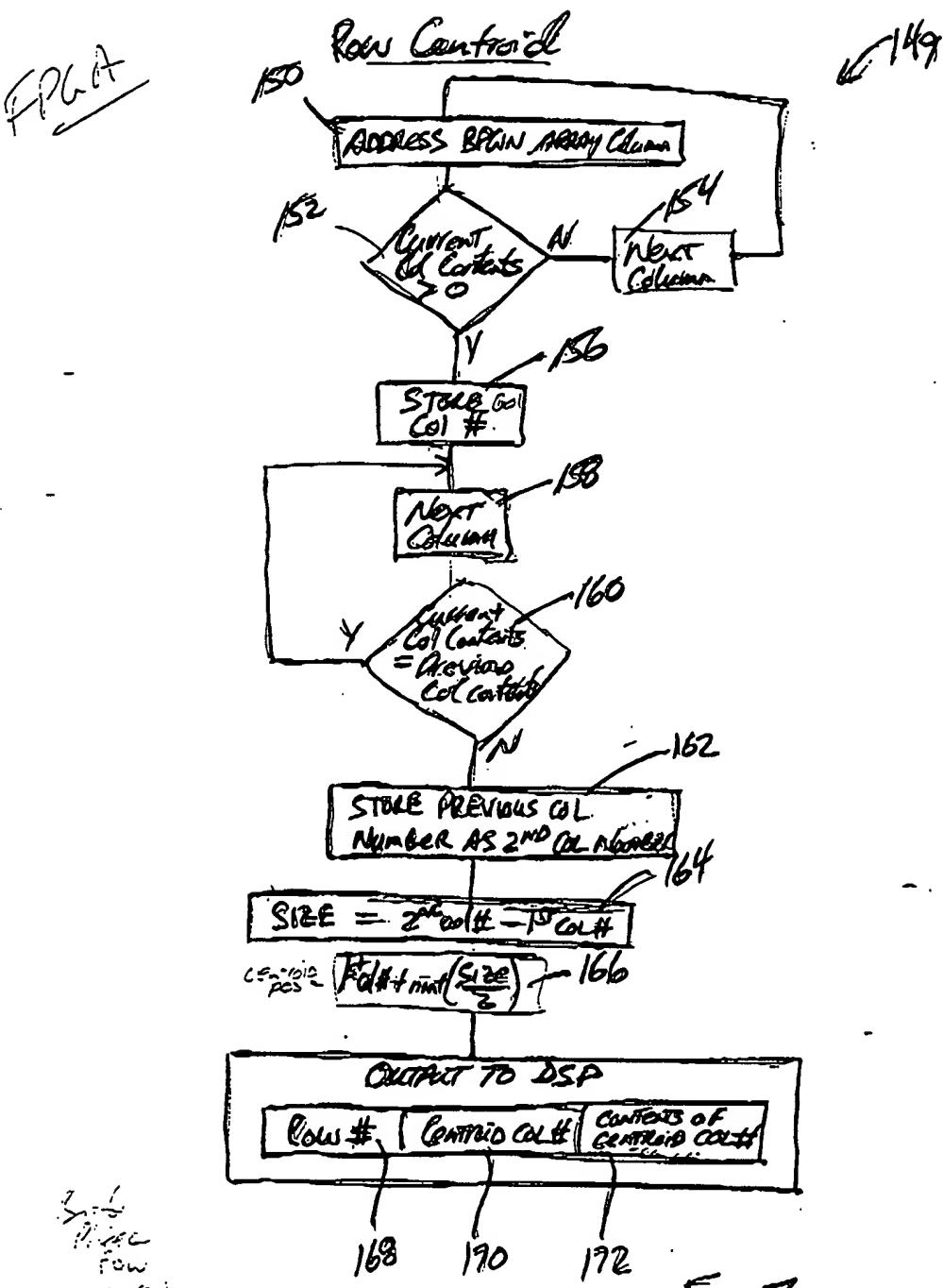


Fig 7

OffPat from Fig 7

Bright Pixel Row Centroid Array

Row	Col	No
12	6	1
12	15	2
13	6	3
13	16	4
13	28	5
14	5	6
14	15	7
14	28	8
15	5	9
15	16	10
15	28	11
16	5	12
16	28	13
17	5	14
17	28	15
18	6	16
18	9	17
19	9	18
20	8	19
21	10	20

↙ 133

Fig. 8

Bright Pixel Grouping Algorithm

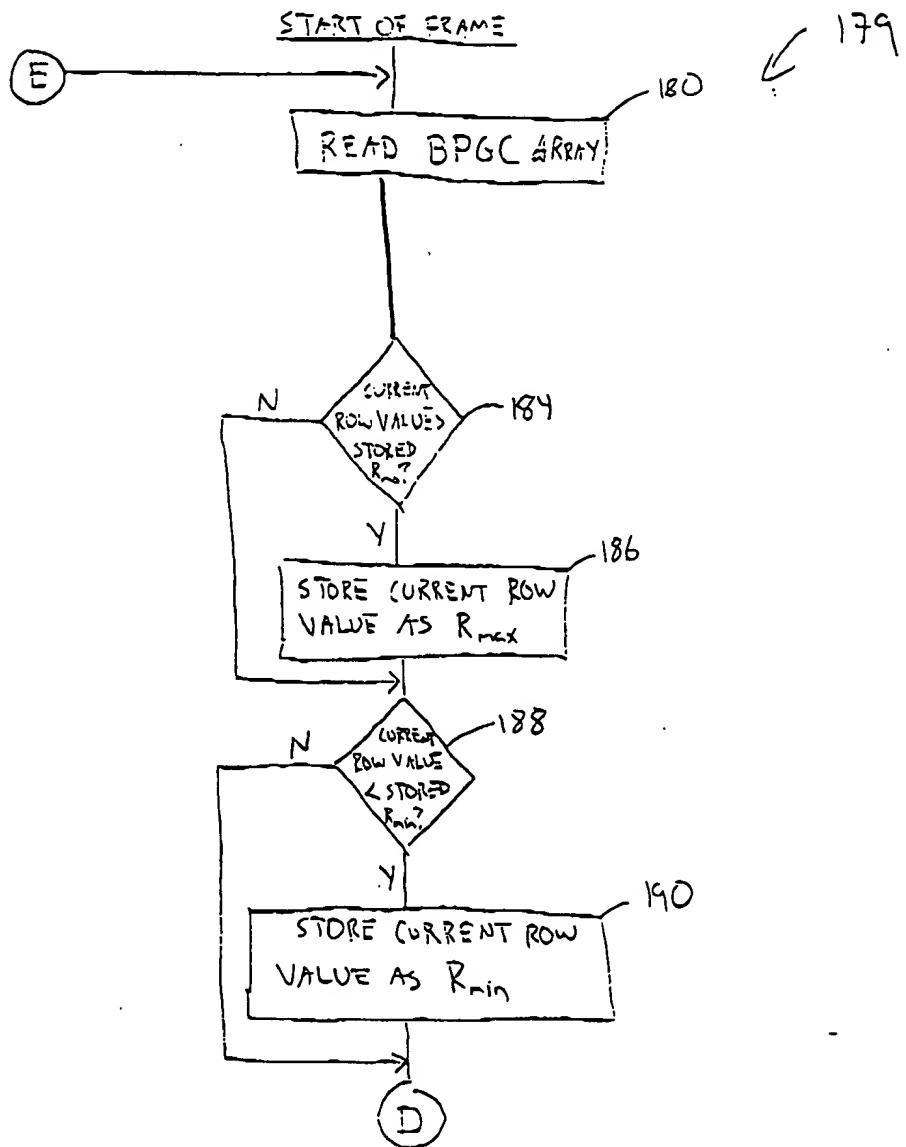


Fig 9A

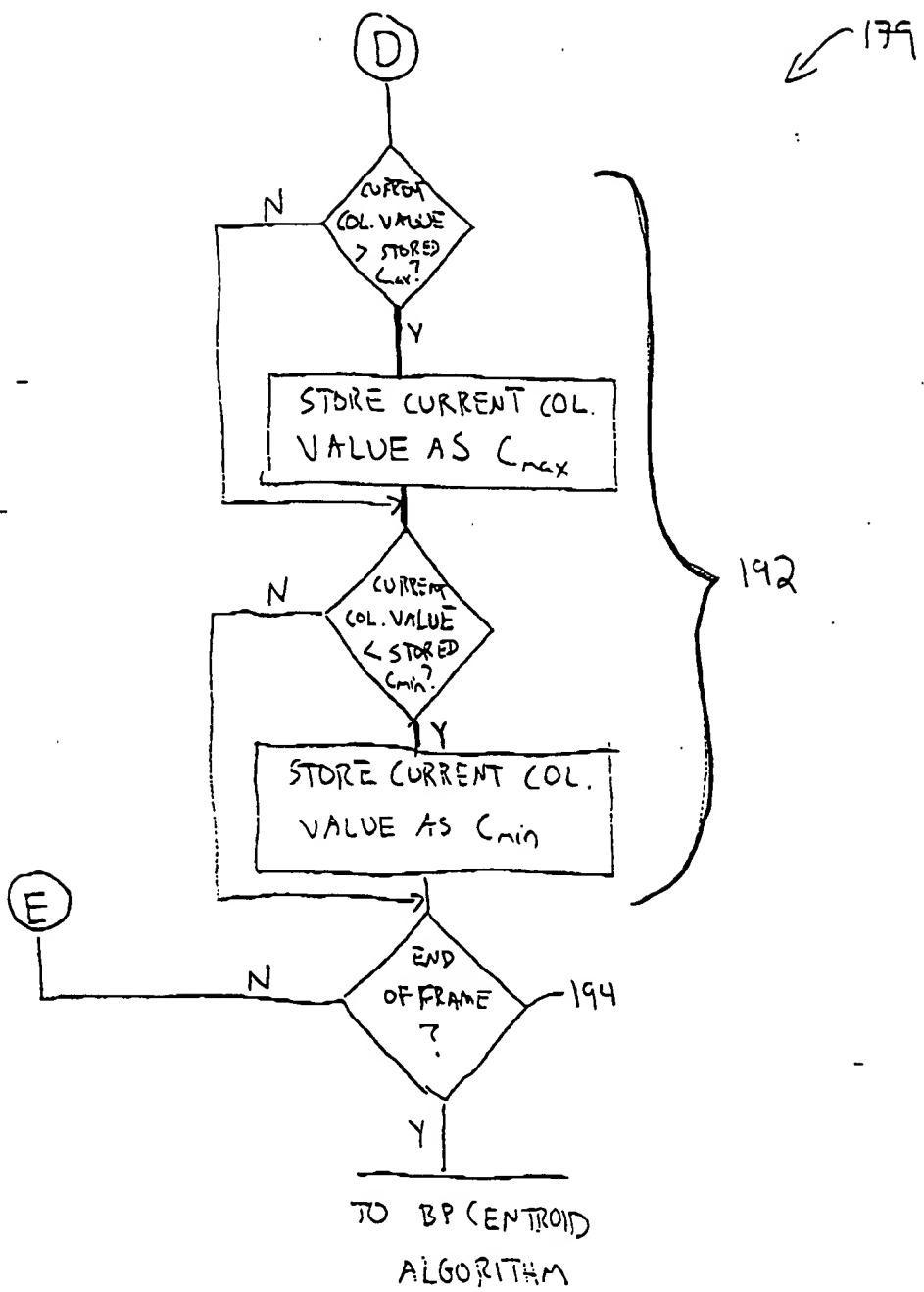


Fig. 9B.

BPG Range Array

OUTPUT From Fig. 9

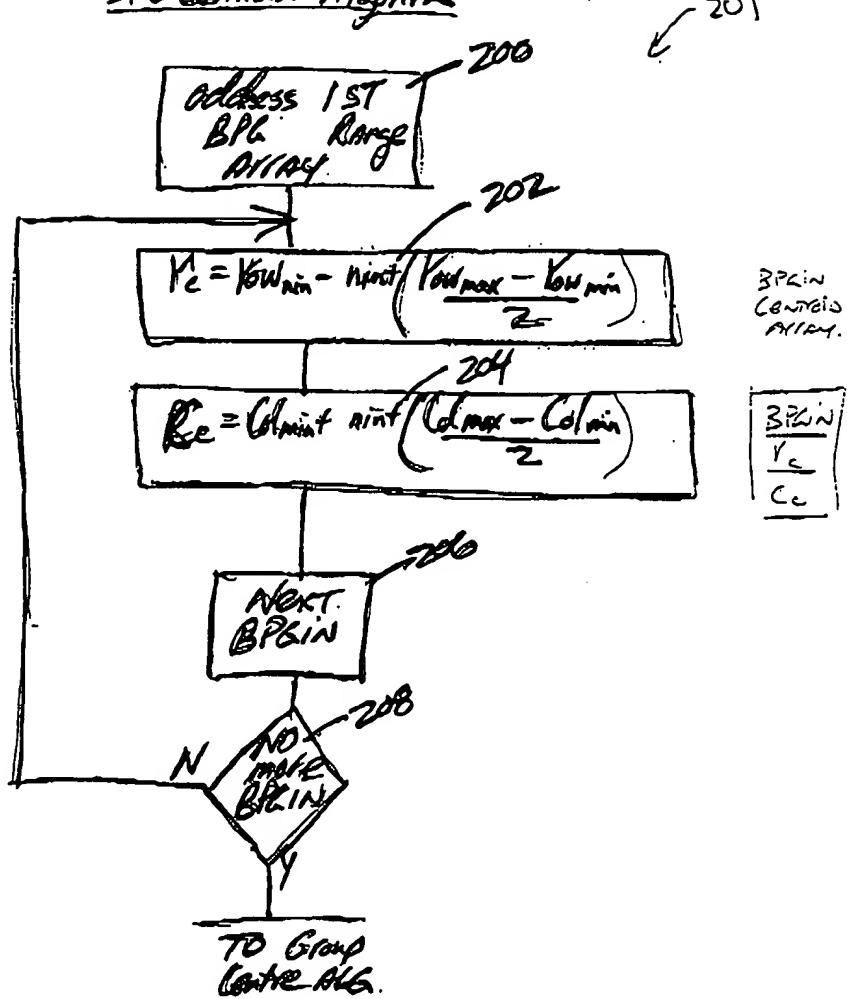
BEGIN Row Col ← 300

	min	max	min	max
1	12	12	6	6
2	12	15	15	16
3	13	13	6	6
5	13	13	28	28
6	14	14	5	5
8	14	14	28	28
9	15	18	5	6
11	15	17	28	28
12	18	18	9	9
13	19	20	8	9
14	21	21	10	10

Fig. 10

DSV

BIG Centroid Algorithm



BPLIN
Centroid
array.

$$\begin{bmatrix} \text{BPLIN} \\ \frac{P_c}{R_{ce}} \\ C_c \end{bmatrix}$$

Fig 11

210 OUTPUT FROM FIG 11
 BPG CENTROID ARRAY

1	12, 6	1	211
2	13, 15	2	
3	13, 6	1	
5	13, 28	5	
6	14, 5	1	
8	14, 28	5	
9	16, 5	1	
11	16, 28	5	
12	18, 9	1	
13	19, 8	1	
14	21, 10	1	

Fig. 12

DSR

Group Centre Algorithm

219

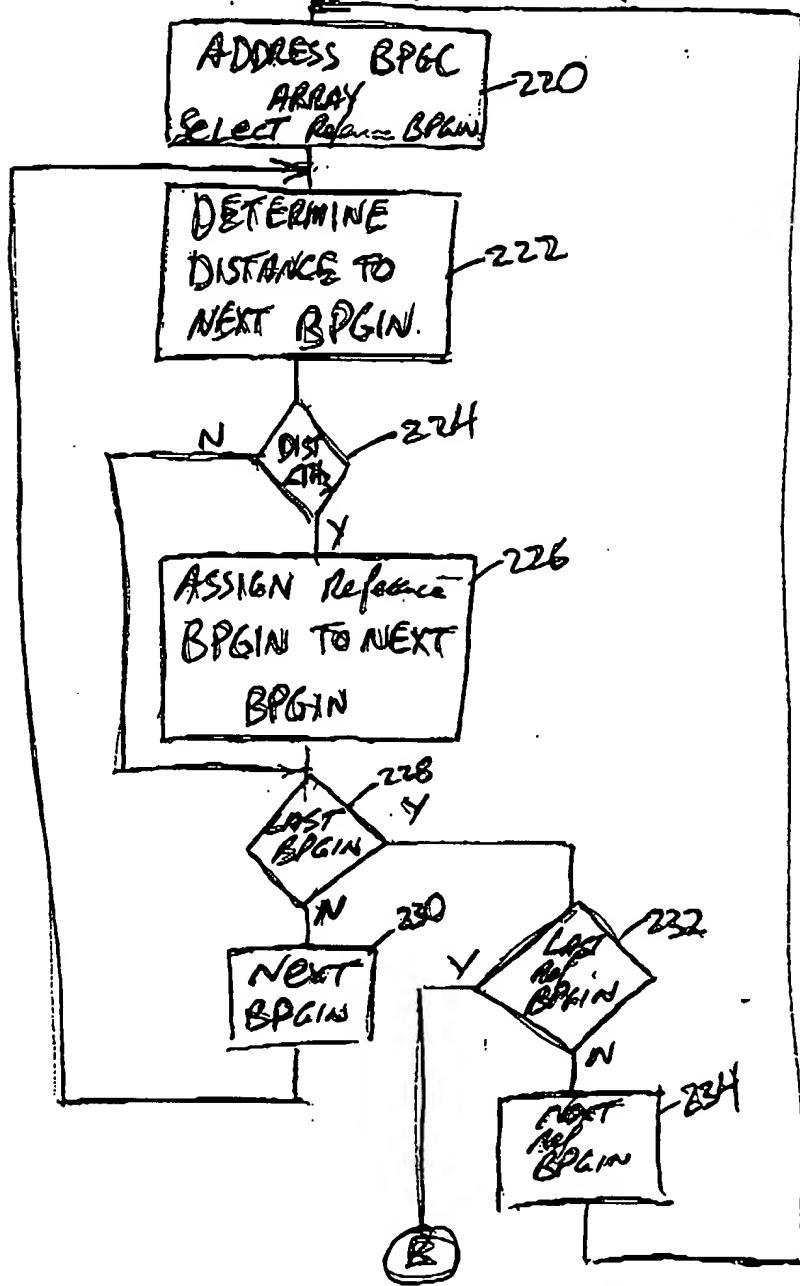


Fig 13A.

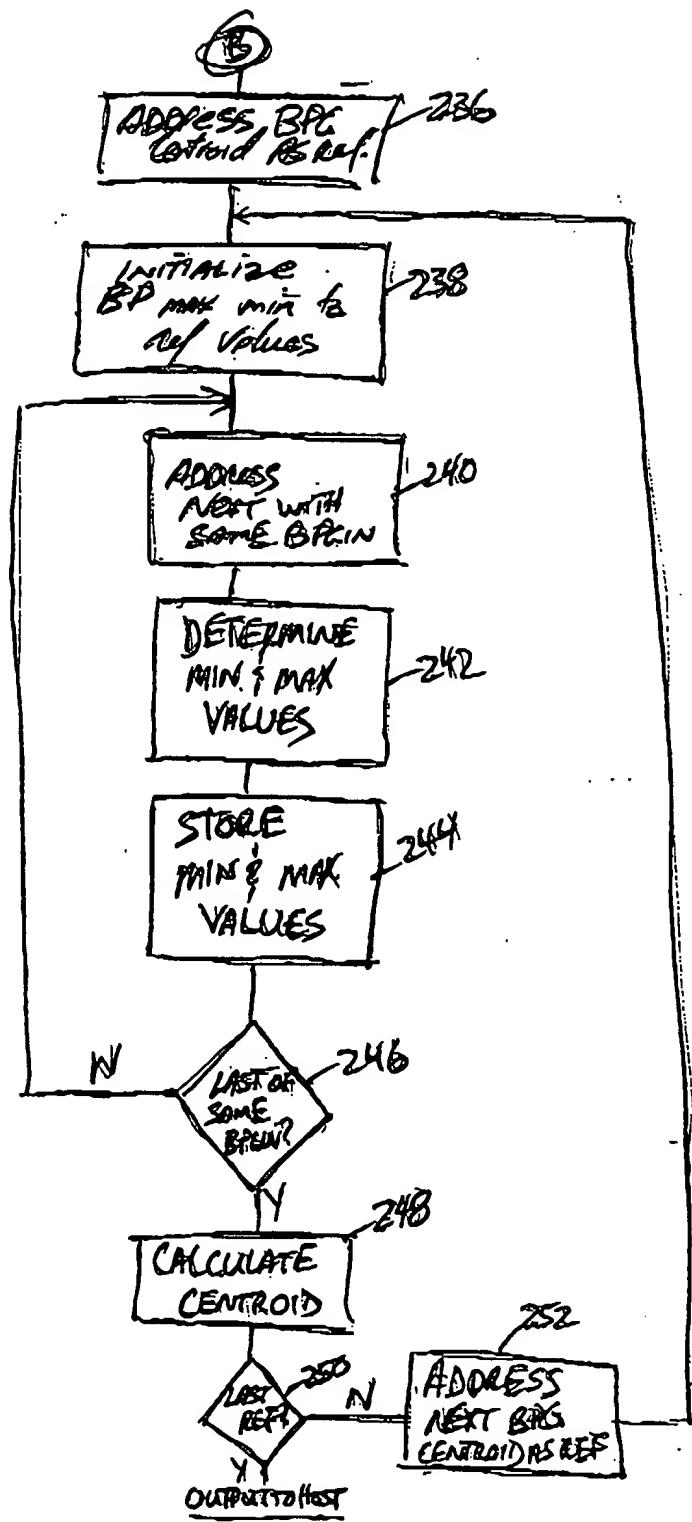


Fig. 13B

254 OUTPUT from Fig 10 with $\bar{t}_{th_3} = 5$

→ 1 (12, 21, 6, 10) 256
 ^{Row} ^{Column} 258
2 (13, 13, 15, 15) 16, 8
5 (13, 16, 28, 28) 13, 15
 14, 28

Fig 14

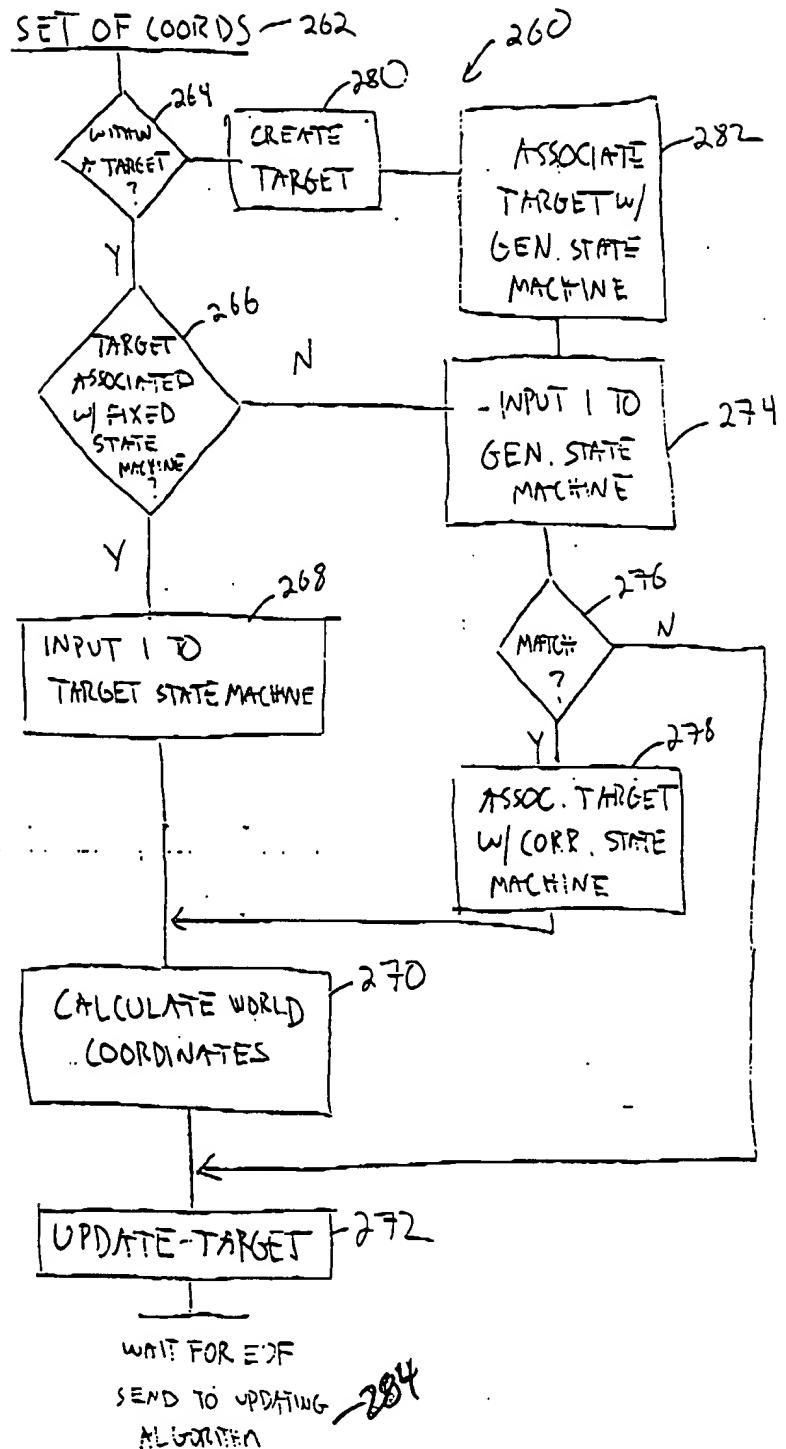


Fig 15

Host

Updating Algorithm

290

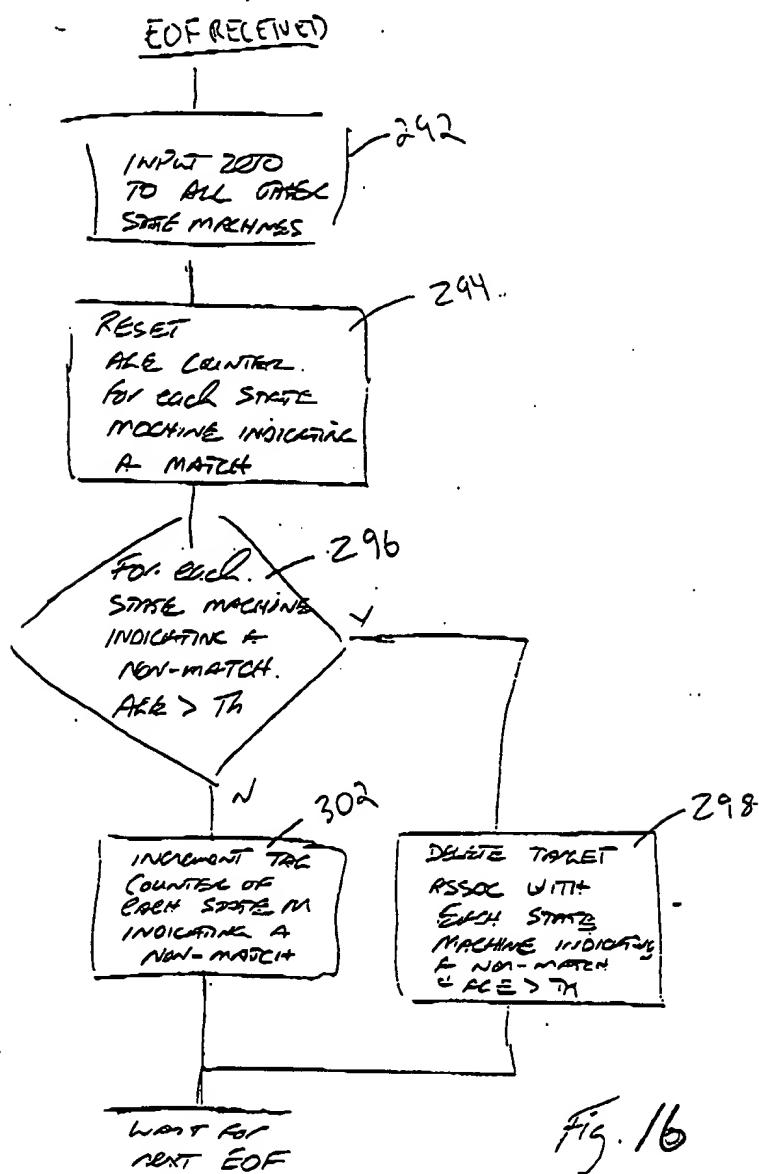


Fig. 16